CITY OF RIVERSIDE SEWER IMPROVEMENT PLAN TRACT 31014

GENERAL NOTES

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT, OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- 2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 4. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED. OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- 7. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE
- 8. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERCROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY USA.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- 10. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID A CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
- 11. NO FINISHED FLOOR ELEVATIONS SHALL BE LESS THAN 6" ABOVE THE THE UPPER MANHOLE RIM OF THE SEWER LINE SEGMENT BEING CONNECTED TO, WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
- 12. A PLUG SHALL BE INSTALLED AND WILL REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
- 13. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS
- 14. PIPE BEDDING SHALL BE CASE I PER CITY STD DWG. NO. 452 UNLESS OTHERWISE SHOWN ON THE PLANS. IF GROUND WATER IS ENCOUNTERED, BEDDING SHALL BE CASE III IN ACCORDANCE WITH NOTE 2, CITY STD. DWG. NO. 452.
- 15. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- 16. TRENCH BACKFILL SHALL BE PER CITY STD. DWG. NO. 453 SHEETS 1 & 2 UNLESS OTHERWISE

CONTRACTORS RESPONSIBILITY:

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COARSE OF CONSTRUCTION OF THIS PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

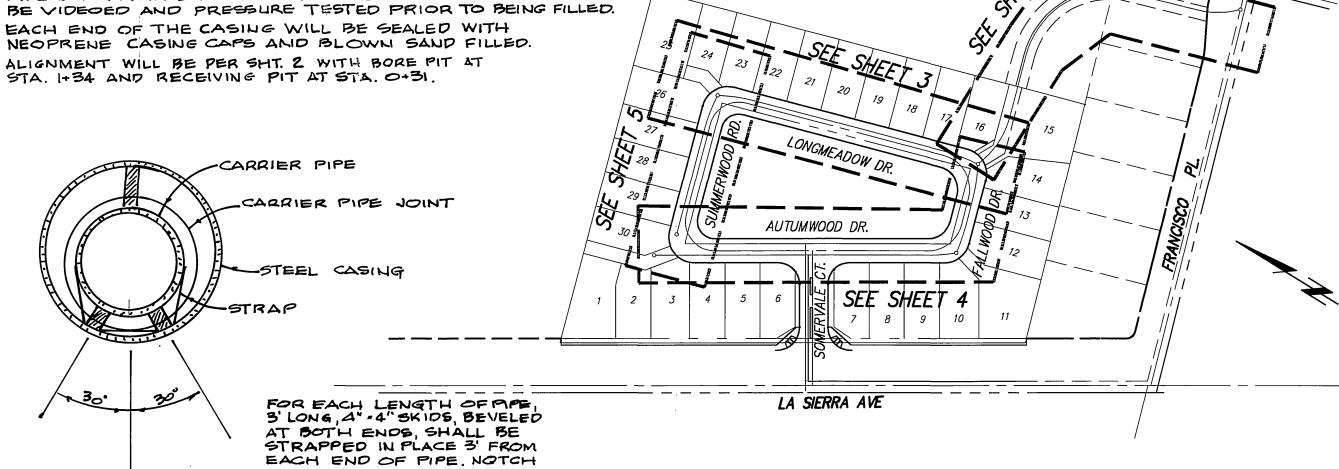


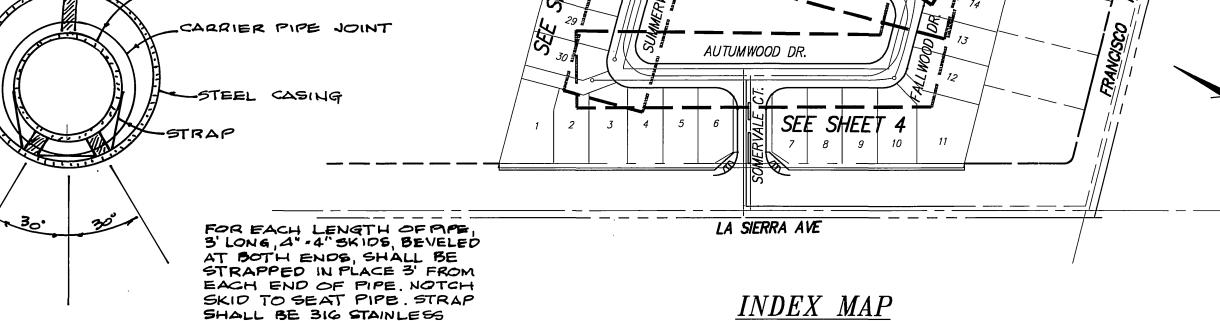
RELATED PLANS

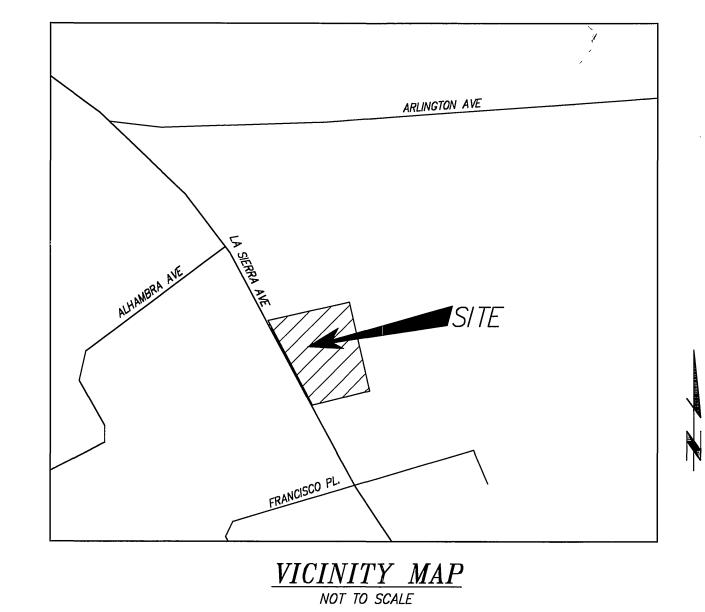
STREET PLANS R- 3787 STORM DRAIN PLANS...D-753

CASING CONST. NOTES

- STEEL CASING WILL BE 24" 10.375" WITH 8" VCP
- 2. ALL STEEL CASING JOINTS WILL BE WELDED FULL CIRCUMFERENCE. 3. UNFINISHED REDWOOD SKIDS WILL BE PROVIDED PER DETAIL BELOW. 4. CASING WILL VIDEO TAPED BY THE CITY PRIOR TO CARRIER PIPE BEING INSTALLED AFTER WHICH THE CARRIER PIPE WILL
- 5 EACH END OF THE CASING WILL BE SEALED WITH
- 6 ALIGNMENT WILL BE PER SHT. 2 WITH BORE PIT AT STA. 1+34 AND RECEIVING PIT AT STA. 0+31







ATTENTION CONTRACTORS:

GRADES ARE GIVEN FROM TOP OF STAKES AND NAILS UNLESS OTHERWISE NOTED HEREIN. IN THE CASE OF A PIPE OR FLUME, GRADES GIVEN REFER TO THE HEIGHT OF THE BOTTOM OF THE INVERT OR INSIDE BOTTOM. CONTRACTORS ARE CAUTIONED TO OBSERVE THE FOLLOWING RULE IN USING THE GRADE STAKES GIVEN BY THIS OFFICE FOR PUTTING IN CURBS, WALKS, SEWER, FLUMES, AND ALL

THREE CONSECUTIVE POINTS THAT ARE SHOWN TO BE ON THE SAME RATE OF SLOPE MUST BE USED IN COMMON IN ORDER THAT ANY VARIATION OUT OF A

STRAIGHT GRADE MAY BE DETECTED, AND IN CASE ANY SUCH DISCREPANCY IS FOUND. THE SAME MUST BE REPORTED. OTHERWISE THIS OFFICE WILL NOT BE RESPONSIBLE FOR ANY ERROR IN THE GRADE OF THE FINISHED WORK. IN ANY CASE, ALL STAKES, NAILS, ITC., VOID IN THREE (3) DAYS.

RELATED PLANS

& CASING DETAIL

S	TREET PLANS	R3787
S	EWER PLANS	S-1843
S	TORM DRAIN PLANS	D- <i>753</i>
W	ATER PLANS	D5-704222-2
G	RADING PLANS	PW-03-0483

SOILS ENGINEER & GEOLOGIST

EARTH TECHNICS P.O. BOX 891989 TEMECULA, CALIFORNIA 92589 PHONE: (909) 851-9864 FAX: (909) 699-5451

SOURCE OF TOPOGRAPHIC MAP

FIELD TOPOGRAPHY PERFORMED BY: DAWSON SURVEYING DATED: MARCH 2003

CONSTRUCTION NOTES & QUANTITIES:

- CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE STD 500 5 EA
- INSTALL 8" VCP SEWER MAIN.
- INSTALL 4" SEWER LATERAL PER WITH CLEANOUT PER 423 L.F. CITY OF RIVERSIDE STD. 562-A
- BACKWATER VALVE
- INSTALL STEEL CASING W/ SKIDS PER 103 L.F. DETAIL, SHEET 1.

CITY OF RIVERSIDE PUBLIC

UTILITIES—WATER DIVISION

GENERAL NOTES:

- 1. NO WORK WHATSOEVER SHALL BE STARTED WITHOUT NOTIFYING THE CITY OF RIVERSIDE 48 HOURS PRIOR TO BEGINNING WORK.
- 2. THE DESIGN ENGINEER SHALL EXERCISE SUFFICIENT SUPERVISORY CONTROL DURING GRADING AND CONSTRUCTION TO ENSURE COMPLIANCE WITH THE APPROVED PLANS WITHIN HIS AREA OF TECHNICAL
- 3. ALL DIRT, SAND, MUD, OR DEBRIS DEPOSITED OR SPILLED UPON PUBLIC STREETS DURING ANY GRADING, HAULING, OR EXPORT OPERATIONS SHALL IMMEDIATELY BE CLEANED UP BY DEVELOPER, HIS CONTRACTOR OR SUBCONTRACTOR.
- 4. CONTRACTOR SHALL VERIFY QUANTITIES SHOWN ON PLANS PRIOR TO START OF GRADING OPERATIONS. ANY DISCREPANCIES BETWEEN THE QUANTITIES SHOWN ON PLANS AND THE CONTRACTOR'S QUANTITIES SHALL BE REPORTED TO THE
- 5. PLANTED SLOPES SHALL BE WATERED AND MAINTAINED.
- 6. APPROVED EROSION PROTECTION DEVICES SHALL BE PROVIDED AND MAINTAINED DURING THE RAINY SEASON AND SHALL BE IN PLACE AT THE END OF EACH DAY'S WORK AND BEFORE FORECASTED RAINY WEATHER.
- 7. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITEE.

R.C.E. NO. ____60874

TELEPHONE NUMBERS

EMERGENCY RIVERSIDE POLICE DEPARTMENT

RIVERSIDE FIRE DEPARTMENT ...

GOODHEW AMBULANCERIVERSIDE COMMUNITY HOSPITALRIVERSIDE GENERAL HOSPITAL	(951)	<i>788–3000</i>
<u>UTILITIES</u>		
UNDERGROUND SERVICE ALERT		
CITY OF RIV. ELEC. OPERATIONS CONTROL CTR	(951)	687-0791
SOUTHERN CALIFORNIA GAS (DISTRIBUTION)		
CITY OF RIV. ELEC. ENGINEERING		
PACIFIC BELL	(800)	<i>422–4133</i>
AMERICAN TELEPHONE & TELEGRAPH	(951)	<i>381–7380</i>
CHARTER COMMUNICATION CABLE		
CITY OF RIV. WATER OPERATIONS EMERGENCIES	(951)	688-9012

<u>OTHERS</u>		
RIVERSIDE PUBLIC WORKS DEPARTMENTR.F. DICKSON STREET SWEEPING	(951)) <i>826–5341</i>
R.F. DICKSON STREET SWEEPING	(800)	841-7994
WESTERN WASTE	(951)) <i>737–0343</i>
RIVERSIDE DIAL—A—RIDE (SUPERVISOR)	(951) <i>275–9620</i>
US POSTAL SERVICE	(951)	<i>737–0451</i>
US POSTAL SERVICE	951)	<i>788–7134</i>
RIVERSIDE TRANSIT AGENCY	(951)) 684–0850

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OF STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY THE CONTRACTOR, SO THAT ANY NECESSARY ADJUSTMENTS CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR IS REQUIRED TO TAKE DOE PRECAUTIONARY MEASURES TO PREVENT ANY UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITE, THE CITY ENGINEER MAY REQUIRE TEMPORARY GUNITE SWALES, ENTERING OR LEAVING IMPROVEMENTS.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY:
THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED
TO NORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

RIVERSIDE CITY BUSINESS TAX CERTIFICATE # 106198, EXP. 1/1/06

PRIVATE ENGINEERING NOTE

FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT. EXCEPTING LIABILITY ARISING

BENCHMARK: CITY OF RIVERSIDE

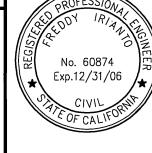
> POINT I.D. G3-Y3 ELEV. 859.915 FD. NAIL CITY ENG. TAG SET IN BASE OF CONCRETE LT.STD. EAST SIDE OF LA SIERRA AVE. 200' SLY OF ARLINGTON AVE.

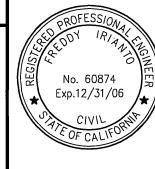
ELECTRICAL ENGINEERING

CITY OF RIVERSIDE PUBLIC

UTILITIES—ELECTRIC DIVISION

APPROVED BY WATER ENGINEERING





1365 L.F.



ng Engineers, Inc.				
nue Tel: 951.687.2929 Fax: 951.687.2999	2	REV'D ALIGNMENT, ADD CASING	BIZ	Z-%-a
C.E. NO. 60874	\triangle	REVIGED CONST. NOTES, SHTS. Z-5	RZ	2.8.06
-1.1-	MARK	REVISIONS	APPR	. DATE
DATE: 3//5/05	DESIG	NED BYFI DRAWN BYNH CHECK	ED BY	- EX /

PUBLIC	W (<u>ORK</u>	S DEPART	MEN
APPROVED BY	BY	DATE	APPROVED BY	.0
			0//2.	1/5
PRINCIPAL ENGINEER	<i>'</i>		Join ,	1099
STREET SERVICES	Ken	5/12/05	CITY ENGINEER	
		' '	/	/ .
TRAFFIC DIVISION	_		DATE 7/256	05
PARKS DEPARTMENT			DAIE 7/ -26	

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT				SEWER IMPROVEMENTS PLANS		
APPROVED BY	BY	DATE	APPROVED BY	TRACT NO 31014		
INCIPAL ENGINEER	· ·		1000 1044	111/101 110. 01011		
REET SERVICES	Ken	\$/12/0S	, ,	TITLE SHEET		
AFFIC DIVISION	_)	DATE 7/25/05	IIILL SIILLI		
RKS DEPARTMENT			DAIL 16-26			

SCALE: 1"=20'

SHEET_1_0F_5_

PW 04-0173

INDEXED 10-03-05 4H

JOB NO: 185.002

